

Massachusetts Electric

A **National Grid** Company



Amy G. Rabinowitz
Counsel

April 3, 2003

By Hand

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station, 2nd Floor
Boston, MA 02110

Re: Massachusetts Electric Company and Nantucket Electric Company, Docket No. D.T.E. 00-67

Dear Secretary Cottrell,

On behalf of Massachusetts Electric Company and Nantucket Electric Company (together "Mass. Electric"), I am filing Mass. Electric's proposed Standard Offer Service Fuel Adjustment ("SOSFA") of \$0.00902 per kWh, for effect May 1, 2003. The proposed SOSFA was calculated in accordance with the methodology approved in the Department's letter order dated December 4, 2000, in the above-captioned docket, and is identical to the SOSFA calculation also being presented today by NSTAR Electric and Fitchburg Gas & Electric Company. The Company is proposing to implement the SOSFA to recover additional costs it is incurring to provide Standard Offer Service related to increased fuel index payments under its wholesale standard offer supply contracts. In addition to the SOSFA calculation, the Company presents, for the Department's information, its monthly standard offer deferral balance.

Mass. Electric's current Standard Offer Service base rate is 4.700¢ per kWh.¹ The Company has not had a SOSFA in effect since July 1, 2002. Since October 2002, the Company has been incurring fuel index payments each month under its wholesale power supply contracts due to the rise in the prices for fuel oil and natural gas.² To date, Mass. Electric has accrued Standard Offer deferrals of approximately \$25 million, and anticipates that it will continue to make substantial fuel-related payments under its Standard Offer supply contracts throughout the foreseeable future.

¹On January 1, 2003, the Department approved an increase in the base rate for Standard Offer Service to 4.7¢ per kWh from the 2002 rate of 4.200¢ per kWh, in accordance with Mass. Electric's restructuring settlement agreement in Docket No. D.P.U./D.T.E. 96-25 and its wholesale power supply contracts.

² Fuel index payments incurred beginning in October 2002 relate to the wholesale supply contracts pertaining to the pre-merger Mass. Electric. These contracts utilize a fuel trigger based on a twelve-month rolling average of fuel oil and natural gas prices. Fuel index payments pertaining to the former Eastern Edison Company's wholesale supply contracts began in August 2002 (the Eastern Edison contracts have a fuel trigger based on a 6-month rolling average). See Attachment 1.

In order to mitigate the accrual of additional deferral balances, Mass. Electric requests the Department approve the Company's proposed SOSFA of 0.902¢ per kWh, for usage on and after May 1, 2003. In addition to mitigating the continuing accrual of deferral balances, implementing the proposed SOSFA on May 1 will better align the Standard Offer rate with the prevailing market prices in the Massachusetts electricity market. This alignment will provide not only a more accurate price signal, but will also reduce the potential intergenerational inequity that may result from the creation of large deferral balances. Implementing the SOSFA increase in May, historically a month with moderate usage, is also preferred to implementation of a larger SOSFA later in the year (e.g., July 1), when usage might be greater due to weather.

Attachment 1 provides various data related to Mass. Electric's SOSFA values. Page 1 provides the calculation of the proposed SOSFA of 0.902¢ per kWh. The application of the adjustment value of 1.19197 to the base standard offer rate of 4.700¢ per kWh results in an adjusted base standard offer rate of 5.602¢ per kWh, reflecting the new SOSFA of 0.902¢ per kWh. Pages 2 through 4 provide the supporting calculations as well as market prices for fuel oil and natural gas over the prior 12 months (April 2002 through March 2003).

Attachment 2 provides the current balance of Mass. Electric's Standard Offer deferral through March 31, 2003, including a credit for estimated revenue related to usage consumed in March 2003 but not billed until April 2003, along with an estimate of Mass. Electric's Standard Offer deferral through December 31, 2004.³ Page 1 of this attachment shows that through March 31, 2003, Mass. Electric's deferral balance is approximately \$25 million. With Mass. Electric's currently effective retail Standard Offer rate (4.7¢ per kWh) well below its cost of providing Standard Offer Service, this deferral amount will continue to grow through September 2003, the end of Mass. Electric's current reconciliation period, at which time it is estimated to be approximately \$122.3 million.⁴ As can be seen in this attachment, should Mass. Electric continue to bill its Standard Offer customers the base Standard Offer rate through the end of calendar year 2004, the estimated Standard Offer deferral will grow to approximately \$289 million.

Based upon the significant Standard Offer Service fuel-related costs the Company has been incurring, and the significant balance accrued to date for its Standard Offer deferral, Mass. Electric requests that the Department approve the proposed SOSFA of 0.902¢ per kWh, for usage on and after May 1, 2003. Assuming the proposed SOSFA is in effect through December 2003, Mass. Electric estimates that this adjustment would

³ In estimating its Standard Offer deferral through December 2004, Mass. Electric used actual fuel oil and natural gas prices through March 2003 and the average of three days of futures prices as published in the Wall Street Journal on March 26, 27, and 28, 2003.

⁴ This compares to an estimated deferral balance of approximately \$73.1 million through September 2003 assuming implementation of the proposed 0.902¢ per kWh SOSFA.

Mary L. Cottrell

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reduce the amount of deferred Standard Offer costs that must be collected from customers in the future by almost \$79 million plus interest. Because of the recent significant volatility in fuel prices, the Company will continually monitor its actual fuel index payments and its Standard Offer deferral balance following implementation of the proposed SOSFA, and will notify the Department in the event that a change in the SOSFA may be warranted prior to the end of 2003.

The impact of this rate change on a typical Mass. Electric 500 kWh residential standard offer customer would be a monthly bill increase of \$4.51, or 8.82 percent. Mass. Electric has included proposed tariff cover sheets in Attachment 3 (Massachusetts Electric Company) and Attachment 4 (Nantucket Electric Company) reflecting the proposed Standard Offer rate change.

Thank you for your attention to this filing.

Very truly yours,

Amy G. Rabinowitz
Attorney for
Massachusetts Electric Company and
Nantucket Electric Company

cc: Joseph Rogers
D.T.E. 00-67 Service List

Massachusetts Electric Company
and
Nantucket Electric Company

STANDARD OFFER SERVICE
FUEL ADJUSTMENT FILING

April 3, 2003

Submitted to:
Massachusetts Department of
Telecommunications and Energy
Docket D.T.E. No. 00-67

Submitted by:

Massachusetts Electric

A **National Grid** Company



Nantucket Electric

A **National Grid** Company



Attachment 1

SOSFA Calculation
and Supporting Documentation

**Massachusetts Electric and Nantucket Electric
Approved SOSFA Surcharge
(effective May 1, 2003)**

(1) Adjustment Value	1.19197
(2) 2003 Stipulated Price (c/kWh)	4.700
(3) Total Standard Offer Rate (c/kWh)	5.602
(4) 2003 Stipulated Price (c/kWh)	4.700
(5) SOSFA Surcharge (c/kWh)	0.902

Notes:

- (1) March 2003 Fuel Adjustment Value (page 2., Col. F - Determination of Fuel Adjustment Value)
- (2) From SOSFA provisions in settlement agreement and supply contracts
- (3) Total Standard Offer Rate = Line (1) * Line (2), truncated to 3 decimal places
- (5) SOSFA Surcharge = Line (3) - Line (4)

Massachusetts Electric and Nantucket Electric

DETERMINATION OF FUEL ADJUSTMENT VALUE AND SOSFA SURCHARGE

(Col. A)	(Col. B)	(Col. C)	(Col. D)	(Col. E)	(Col. F)	(Col. G)	(Col. H)	(Col. I)
SOS Delivery Month	NGrid's Market Gas Price	NGrid's Market Oil Price	NGrid's Fuel Value	NGrid's Fuel Trigger	NGrid's Adjustment Value	2003 Stipulated Price	Standard Offer Rate	SOSFA Surcharge
Jan-02	\$3.80	\$3.14	\$6.94	\$7.01	1.00000	4.70	4.700	0.000
Feb-02	\$3.39	\$3.03	\$6.42	\$7.01	1.00000	4.70	4.700	0.000
Mar-02	\$3.16	\$2.98	\$6.14	\$7.01	1.00000	4.70	4.700	0.000
Apr-02	\$2.99	\$2.97	\$5.96	\$7.01	1.00000	4.70	4.700	0.000
May-02	\$2.85	\$2.97	\$5.83	\$7.01	1.00000	4.70	4.700	0.000
Jun-02	\$2.81	\$3.00	\$5.81	\$7.01	1.00000	4.70	4.700	0.000
Jul-02	\$2.81	\$3.04	\$5.86	\$7.01	1.00000	4.70	4.700	0.000
Aug-02	\$2.79	\$3.11	\$5.90	\$7.01	1.00000	4.70	4.700	0.000
Sep-02	\$2.88	\$3.19	\$6.07	\$7.01	1.00000	4.70	4.700	0.000
Oct-02	\$3.02	\$3.30	\$6.33	\$7.01	1.00000	4.70	4.700	0.000
Nov-02	\$3.11	\$3.41	\$6.52	\$7.01	1.00000	4.70	4.700	0.000
Dec-02	\$3.25	\$3.54	\$6.79	\$7.01	1.00000	4.70	4.700	0.000
Jan-03	\$3.44	\$3.74	\$7.18	\$7.01	1.02238	4.70	4.805	0.105
Feb-03	\$3.73	\$4.01	\$7.74	\$7.01	1.09559	4.70	5.149	0.449
Mar-03	\$4.31	\$4.17	\$8.48	\$7.01	1.19197	4.70	5.602	0.902

Notes:

Col. A - month in which SOS was delivered at wholesale

Col. B - Average of the values of Gas Index for the most recent 12 months. (page 3., Col. G - Determination of Market Gas Price)

Col. C - Average of the values of Oil Index for the most recent 12 months. (page 4., Col. LL - Determination of Market Oil Price)

Col. D - Col. B + Col. C

Col. E - Calendar Year 2003 values from the Standard Offer Supply Contracts. Actual value for Calendar Year 2002 was 6.09.

Col. F - @if(Col. D > Col. E, (Col. B + \$0.60 + Col. C + \$0.04) / (Col. E + \$0.64), 1.000)

Col. G - Calendar Year 2003 rates from SOSFA provisions in settlement agreement and supply contracts. Actual value for Calendar Year 2002 was 4.20.

Col. H - Col. F * Col. G, rounded to 3 decimal places

Col. I - Col. H - Col. G

Massachusetts Electric and Nantucket Electric

DETERMINATION OF MARKET GAS PRICE

(Col. A)	(Col. B)	(Col. C)	(Col. D)	(Col. E)	(Col. F)	(Col. G)	(Col. H)	(Col. I)
Contract Month	Last Month of Trading	Settlement Prices (\$/mmBtu)			Gas Index	NGrid's Market Gas Price	EUA's Market Gas Price	SOS Delivery Month
		3rd Last	2nd Last	Last				
Jan-02	Dec-01	\$2.895	\$2.911	\$2.555	\$2.787	\$3.800	\$2.740	Jan-02
Feb-02	Jan-02	\$2.037	\$1.908	\$2.006	\$1.984	\$3.387	\$2.647	Feb-02
Mar-02	Feb-02	\$2.449	\$2.307	\$2.388	\$2.381	\$3.161	\$2.446	Mar-02
Apr-02	Mar-02	\$3.326	\$3.457	\$3.472	\$3.418	\$2.993	\$2.440	Apr-02
May-02	Apr-02	\$3.419	\$3.295	\$3.270	\$3.328	\$2.855	\$2.695	May-02
Jun-02	May-02	\$3.347	\$3.280	\$3.420	\$3.349	\$2.807	\$2.740	Jun-02
Jul-02	Jun-02	\$3.430	\$3.449	\$3.278	\$3.386	\$2.811	\$2.875	Jul-02
Aug-02	Jul-02	\$2.902	\$2.936	\$2.976	\$2.938	\$2.790	\$2.974	Aug-02
Sep-02	Aug-02	\$3.617	\$3.483	\$3.288	\$3.463	\$2.877	\$3.133	Sep-02
Oct-02	Sep-02	\$3.742	\$3.494	\$3.686	\$3.641	\$3.023	\$3.314	Oct-02
Nov-02	Oct-02	\$4.028	\$4.176	\$4.126	\$4.110	\$3.110	\$3.351	Nov-02
Dec-02	Nov-02	\$4.260	\$4.261	\$4.140	\$4.220	\$3.250	\$3.481	Dec-02
Jan-03	Dec-02	\$5.146	\$4.962	\$4.988	\$5.032	\$3.437	\$3.626	Jan-03
Feb-03	Jan-03	\$5.396	\$5.444	\$5.660	\$5.500	\$3.731	\$3.901	Feb-03
Mar-03	Feb-03	\$9.137	\$9.577	\$9.133	\$9.282	\$4.306	\$4.328	Mar-03
Apr-03	Mar-03	\$5.077	\$5.097	\$5.146	\$5.107	\$4.446	\$5.298	Apr-03

Notes:

Col. A - Contract refers to the NYMEX Natural Gas Futures Contract, as approved by the CFTC, for the purchase and sale of natural gas at Henry Hub.

Col. B - Month that trading for the Contract ends (the month before the delivery month)

Col. C - Settlement price for the third last trading day as reported in the Wall Street Journal. (Jan-99 - Mar-03)

Col. D - Settlement price for the second last trading day as reported in the Wall Street Journal. (Jan-99 - Mar-03)

Col. E - Settlement price for the last trading day as reported in the Wall Street Journal. (Jan-99 - Mar-03)

Col. F - Average value of Col. C, Col. D and Col. E (=AVERAGE(Col. C..Col. E))

Col. G - Average of the most recent twelve months of values in Col. F (including current SOS delivery month)

Col. H - Average of the most recent six months of values in Col. F (ending month prior to SOS delivery month)

Col. I - month in which SOS was delivered at wholesale.

Massachusetts Electric and Nantucket Electric

DETERMINATION OF MARKET OIL PRICE

(Col. A)	(Col. B)	(Col. C)	(Col. D)	(Col. E)	(Col. F)	(Col. G)	(Col. H)	(Col. I)	(Col. J)	(Col. K)	(Col. L)	(Col. M)	(Col. N)	(Col. O)	(Col. P)	(Col. Q)	(Col. R)	(Col. S)	(Col. T)	(Col. U)	(Col. V)	(Col. W)	(Col. X)	(Col. Y)	(Col. Z)	(Col. AA)	(Col. BB)	(Col. CC)	(Col. DD)	(Col. EE)	(Col. FF)	(Col. GG)	(Col. HH)	(Col. II)	(Col. JJ)	(Col. KK)	(Col. LL)	(Col. MM)		
		Daily low quotation, cargo delivery, 1.0%S, No. 6, residual fuel oil, NY Harbor (\$ / barrel)																																						
		Day of the Month																																						
SOS Delivery	Trading	Nov-01	Nov-01	17.15	16.75			16.40	16.30	16.40	16.85	17.10			16.35	16.70	15.85	14.75	15.00		15.00	15.25	15.00					14.85	15.50	15.50	15.50	15.90		Sum of	# of	Conversion	Oil Index	NGrid's Market	EUA's Market	
		Dec-01	Dec-01			16.65	16.50	16.35	16.00	15.55			15.35	15.25	15.65	15.55	16.15		16.15	16.50	16.75	16.75	17.15					17.75	17.50	17.00			16.90	318.10	20	6.3	2.52	3.38	3.18	
		Jan-02	Jan-02			17.30	16.85	17.25		17.30	17.00	16.50	16.50	16.10	15.25	15.65	15.75	15.75	15.65		15.65			15.65	15.90	15.60	15.15		17.75	17.50	17.00			311.45	19	6.3	2.60	3.26	3.00	
		Feb-02	Feb-02	14.60			14.70	14.45	13.90	14.00	14.25			14.65	14.25	14.90	14.75	14.50			14.50	14.50	14.60				14.75	15.25	15.75	16.30			334.25	21	6.3	2.53	3.14	2.89		
		Mar-02	Mar-02	16.75		16.95	17.45	17.85	18.25	18.25				18.65	18.85	18.90	18.90	18.90				19.15	19.50	19.65	20.40	21.00		21.00	21.15	21.75	22.15			278.85	19	6.3	2.33	3.03	2.81	
		Apr-02	Apr-02	22.75	23.75	23.80	22.90	22.90		23.20	23.20	22.40	21.25	20.10		24.60	25.35	24.30	23.80	23.70		23.65	23.00	22.90	22.90			21.75	21.65	21.50	21.45	21.35			385.45	20	6.3	3.06	2.98	2.66
		May-02	May-02	22.05	21.95	22.25			22.50	23.20	23.90	23.50	23.65									23.65	23.00	22.90	22.90							22.50	510.35	22	6.3	3.68	2.97	2.76		
		Jun-02	Jun-02		22.70	22.90	22.90	22.30	22.30		22.40	22.15	22.35	22.35	23.00	23.40			23.30	22.50	22.35	22.25	21.65			22.60	22.60	22.60	22.90	22.50	22.50	22.40	450.85	20	6.3	3.58	3.00	2.95		
		Jul-02	Jul-02	22.35	22.05	21.75			21.05	21.40		21.15	21.60	21.85		22.00	22.40	22.40	22.75	23.15					22.60	22.60	22.60	22.95	22.95		23.00	470.10	21	6.3	3.55	3.04	3.11			
		Aug-02	Aug-02	24.60	24.75			24.75	25.00	24.90	24.90	25.00			25.00	25.40	25.35	25.35	25.40		25.65	25.85	25.85	25.75	25.65		27.40	27.70	27.25	27.05	27.40			554.95	22	6.3	4.00	3.11	3.28	
		Sep-02	Sep-02		23.25	23.50	23.75	24.00		24.25	24.60	25.75	26.00	26.50		26.50	25.80	26.10	26.25	26.35		26.50	26.80	26.80	27.00			26.50	25.90	25.75	26.25	25.30	517.00	20	6.3	4.10	3.19	3.56		
		Oct-02	Oct-02	27.90	27.80	27.40	27.20		26.90	26.50	26.25	25.55	25.55		26.00	26.80	26.80	26.80	27.00					26.50	25.90	25.75	26.25	25.30		24.90	24.60	24.75	25.00	603.40	23	6.3	4.16	3.30	3.74	
		Nov-02	Nov-02	24.50			24.40	24.00	24.20	23.25	23.25	23.10		23.85	23.65	22.60	22.65	22.50		23.25	23.20	23.75	24.35	24.50			24.25	24.40	24.65			450.10	19	6.3	3.76	3.41	3.85			
		Dec-02	Dec-02		24.40	24.40	24.20	24.40	24.35		24.35	24.50	24.65	25.95			27.25	27.25	27.60	28.20	28.10					28.80	28.95		28.95	28.85		28.10	556.95	21	6.3	4.21	3.54	3.86		
		Jan-03	Jan-03		28.55	29.00		28.90	28.30	27.95	28.75	29.25		30.00	30.75	31.75	32.25	32.15						32.15	32.25	32.10	32.75		33.00	33.35	34.50	35.75	35.50	658.95	21	6.3	4.98	3.74	3.97	
		Feb-03	Feb-03		33.85	33.00	32.90	32.60	33.15		33.15	33.50	33.25	33.00	33.00				33.25	33.25	34.50	34.50	34.75				35.75	37.50	38.25	41.25	41.25		662.40	19	6.3	5.53	4.01	4.20		
		Mar-03	Mar-03		40.75	41.00	41.25	43.50	42.70		40.75	38.75	36.00	33.75	30.75				29.75	26.00	25.00	24.75	23.50				24.00	23.00	23.15	24.50	24.50		25.00	662.35	21	6.3	5.01	4.17	4.46	

Notes:
Col. A - month in which SOS was delivered at wholesale.
Col. B - month in which oil prices were quoted and delivered.
Col. C - Col. GG - daily prices as quoted by Platt's MarketScan.
Col. HH - sum of values in Col. C through Col. GG. (Jan-99 - Mar-03)
Col. II - number of non-zero values in Col. C through Col. GG.
Col. JJ - a fixed factor of 6.3 mmBtu per bbl.
Col. KK - Col. HH divided by (Col. II x Col. JJ) (Jan-99 - Mar-03)
Col. LL - Average of the most recent twelve months of values in Col. KK (including current SOS delivery month)
Col. MM - Average of the most recent six months of values in Col. KK (ending month prior to SOS delivery month)

Attachment 2

Estimated Balance in Standard Offer Reconciliation
October 2002 through December 2004

Massachusetts Electric Company
Standard Service Reconciliation
Assuming No SOSFA Implementation
October 2002 - September 2004

Month	Over/(Under) Beginning Balance (a)	Standard Service Revenue (b)	Standard Service Adjustment (c)	Standard Service Expense (d)	Monthly Over/(Under) (e)	Over/(Under) Ending Balance (f)	Balance Subject to Interest (g)	Interest Rate (h)	Interest (i)	Cumulative Interest (j)
Section 1: October 2002 - September 2003 Period										
Oct-02	\$0	\$15,300,347		\$45,003,698	(\$29,703,351)	(\$29,703,351)	(\$14,851,676)	3.83%	(\$46,589)	(\$46,589)
Nov-02	(\$29,749,941)	\$43,898,047		\$46,763,769	(\$2,865,722)	(\$32,615,663)	(\$31,182,802)	3.83%	(\$97,820)	(\$144,409)
Dec-02	(\$32,713,482)	\$50,204,336		\$54,865,505	(\$4,661,169)	(\$37,374,651)	(\$35,044,067)	3.83%	(\$109,932)	(\$254,341)
Jan-03	(\$37,484,584)	\$28,151,616			\$28,151,616	(\$9,332,968)	(\$23,408,776)	2.64%	(\$50,886)	(\$305,228)
		\$137,554,346		\$146,632,972	(\$9,078,627)					
Estimated Cumulative Over/(Under) Collection of Standard Service through December 31, 2002						(\$9,383,854)				
Jan-03	(\$9,332,968)	\$28,151,616		\$57,882,086	(\$29,730,470)	(\$39,063,438)	(\$38,274,011)	2.64%	(\$83,201)	(\$337,542)
Feb-03	(\$39,146,639)	\$54,941,589		\$54,344,863	\$596,726	(\$38,549,913)	(\$38,848,276)	2.64%	(\$84,449)	(\$421,991)
Mar-03	(\$38,634,362)	\$51,649,905		\$61,859,004	(\$10,209,098)	(\$48,843,461)	(\$43,738,912)	2.64%	(\$95,081)	(\$517,072)
Apr-03	(\$48,938,541)	\$23,999,904			\$23,999,904	(\$24,938,637)	(\$36,938,589)	2.64%	(\$80,298)	(\$597,370)
		\$158,743,014		\$174,085,953	(\$15,342,939)					
Estimated Cumulative Over/(Under) Collection of Standard Service through March 31, 2003						(\$25,018,935)				
Apr-03	(\$24,938,637)	\$23,999,904		\$59,846,570	(\$35,846,666)	(\$60,785,303)	(\$54,861,922)	2.64%	(\$119,260)	(\$636,332)
May-03	(\$60,904,563)	\$45,529,712		\$58,248,970	(\$12,719,258)	(\$73,623,821)	(\$67,264,192)	2.64%	(\$146,220)	(\$782,552)
Jun-03	(\$73,770,041)	\$47,809,615		\$62,630,595	(\$14,820,981)	(\$88,591,021)	(\$81,180,531)	2.64%	(\$176,472)	(\$959,024)
Jul-03	(\$88,767,493)	\$26,142,923			\$26,142,923	(\$62,624,570)	(\$75,696,032)	2.64%	(\$164,550)	(\$1,123,574)
		\$143,482,154		\$180,726,136	(\$37,243,981)					
Estimated Cumulative Over/(Under) Collection of Standard Service through June 30, 2003						(\$62,789,120)				
Jul-03	(\$62,624,570)	\$26,142,923		\$69,896,164	(\$43,753,241)	(\$106,377,811)	(\$97,572,652)	2.64%	(\$212,105)	(\$1,171,129)
Aug-03	(\$106,589,917)	\$54,375,135		\$73,811,353	(\$19,436,218)	(\$126,026,135)	(\$116,308,026)	2.64%	(\$252,833)	(\$1,423,962)
Sep-03	(\$126,278,968)	\$53,262,738		\$72,879,291	(\$19,616,553)	(\$145,895,521)	(\$136,087,244)	2.64%	(\$295,829)	(\$1,719,791)
Oct-03	(\$146,191,350)	\$24,171,124			\$24,171,124	(\$122,020,226)	(\$134,105,788)	2.64%	(\$291,522)	(\$2,011,313)
		\$157,951,920		\$216,586,807	(\$58,634,888)					
Cumulative Over/(Under) Collection of Standard Service through September 30, 2003						(\$122,311,748)				

- (a) Prior Month Column (f) + Prior Month Column (i)
(b) Page 3
(c)
(d) Page 4
(e) Column (b) + Column (c) - Column (d)
(f) Column (a) + Column (e)
(g) [Column (a) + Column (f)] ÷ 2
(h) Interest Rate on Customer Deposits
(i) Column (g) x [(1 + Column (h)) ^ (1 ÷ 12) - 1]
(j) Column (i) + Prior Month Column (i)

Massachusetts Electric Company
Standard Service Reconciliation
Assuming No SOSFA Implementation
October 2002 - September 2004

Month	Over/(Under) Beginning Balance (a)	Standard Service Revenue (b)	Standard Service Adjustment (c)	Standard Service Expense (d)	Monthly Over/(Under) (e)	Over/(Under) Ending Balance (f)	Balance Subject to Interest (g)	Interest Rate (h)	Interest (i)	Cumulative Interest (j)
Section 2: October 2003 - September 2004 Period										
Oct-03	(\$122,020,226)	\$24,171,124		\$66,033,454	(\$41,862,330)	(\$163,882,556)	(\$155,036,953)	2.64%	(\$317,794)	(\$2,037,585)
Nov-03	(\$164,200,350)	\$49,966,616		\$68,815,725	(\$18,849,109)	(\$183,049,458)	(\$173,624,904)	2.64%	(\$377,429)	(\$2,415,015)
Dec-03	(\$183,426,888)	\$54,081,497		\$74,874,107	(\$20,792,610)	(\$204,219,497)	(\$193,823,192)	2.64%	(\$421,337)	(\$2,836,351)
Jan-04	(\$204,640,834)	\$30,792,601			\$30,792,601	(\$173,848,233)	(\$189,244,534)	2.64%	(\$411,384)	(\$3,247,735)
		\$159,011,839		\$209,723,286	(\$50,711,447)					
Estimated Cumulative Over/(Under) Collection of Standard Service through December 31, 2003						(\$174,259,617)				
Jan-04	(\$173,848,233)	\$30,792,601		\$80,651,478	(\$49,858,877)	(\$223,707,110)	(\$214,173,972)	2.64%	(\$465,576)	(\$3,301,927)
Feb-04	(\$224,172,686)	\$59,264,028		\$73,673,322	(\$14,409,293)	(\$238,581,979)	(\$231,377,332)	2.64%	(\$502,973)	(\$3,804,900)
Mar-04	(\$239,084,952)	\$57,215,737		\$68,524,259	(\$11,308,522)	(\$250,393,474)	(\$244,739,213)	2.64%	(\$532,019)	(\$4,336,919)
Apr-04	(\$250,925,493)	\$26,571,882			\$26,571,882	(\$224,353,611)	(\$237,639,552)	2.64%	(\$516,586)	(\$4,853,505)
		\$173,844,248		\$222,849,058	(\$49,004,811)					
Estimated Cumulative Over/(Under) Collection of Standard Service through March 31, 2004						(\$224,870,197)				
Apr-04	(\$224,353,611)	\$26,571,882		\$63,043,092	(\$36,471,210)	(\$260,824,821)	(\$255,875,157)	2.64%	(\$556,227)	(\$4,893,146)
May-04	(\$261,381,048)	\$50,376,491		\$59,049,150	(\$8,672,659)	(\$270,053,707)	(\$265,717,377)	2.64%	(\$577,622)	(\$5,470,768)
Jun-04	(\$270,631,328)	\$52,879,752		\$61,247,196	(\$8,367,443)	(\$278,998,772)	(\$274,815,050)	2.64%	(\$597,399)	(\$6,068,166)
Jul-04	(\$279,596,170)	\$28,920,171			\$28,920,171	(\$250,675,999)	(\$265,136,085)	2.64%	(\$576,358)	(\$6,644,524)
		\$158,748,296		\$183,339,437	(\$24,591,141)					
Estimated Cumulative Over/(Under) Collection of Standard Service through June 30, 2004						(\$251,252,358)				
Jul-04	(\$250,675,999)	\$28,920,171		\$66,221,521	(\$37,301,350)	(\$287,977,349)	(\$283,786,760)	2.64%	(\$616,901)	(\$6,685,068)
Aug-04	(\$288,594,251)	\$60,117,094		\$68,026,617	(\$7,909,524)	(\$296,503,774)	(\$292,549,012)	2.64%	(\$635,949)	(\$7,321,017)
Sep-04	(\$297,139,723)	\$58,730,479		\$65,743,589	(\$7,013,110)	(\$304,152,833)	(\$300,646,278)	2.64%	(\$653,551)	(\$7,974,568)
Oct-04	(\$304,806,384)	\$26,622,886			\$26,622,886	(\$278,183,498)	(\$291,494,941)	2.64%	(\$633,658)	(\$8,608,225)
		\$174,390,630		\$199,991,727	(\$25,601,097)					
Cumulative Over/(Under) Collection of Standard Service through September 30, 2004						(\$278,817,156)				
Oct-04	(\$278,183,498)	\$26,622,886		\$58,144,411	(\$31,521,524)	(\$309,705,023)	(\$307,255,704)	2.64%	(\$667,919)	(\$8,642,487)
Nov-04	(\$310,372,941)	\$55,002,853		\$59,598,479	(\$4,595,626)	(\$314,968,568)	(\$312,670,755)	2.64%	(\$679,690)	(\$9,322,177)
Dec-04	(\$315,648,258)	\$59,517,948		\$64,080,821	(\$4,562,873)	(\$320,211,131)	(\$317,929,694)	2.64%	(\$691,122)	(\$10,013,299)
Dec-04	(\$320,902,253)	\$32,469,186			\$32,469,186	(\$288,433,067)	(\$304,667,660)	2.64%	(\$662,293)	(\$10,675,592)
		\$173,612,873		\$181,823,711	(\$8,210,838)					
Cumulative Over/(Under) Collection of Standard Service through December 31, 2004						(\$289,095,360)				

- (a) Prior Month Column (f) + Prior Month Column (i)
(b) Page 3
(c)
(d) Page 4
(e) Column (b) + Column (c) - Column (d)
(f) Column (a) + Column (e)
(g) [Column (a) + Column (f)] ÷ 2
(h) Interest Rate on Customer Deposits
(i) Column (g) x [(1 + Column (h)) ^ (1 ÷ 12) - 1]
(j) Column (i) + Prior Month Column (i)

Massachusetts Electric Company
Estimated Standard Service Revenue
Assuming No SOSFA Implementation

	Total Company Forecasted kWh Deliveries (a)	Percentage of Load Served by Standard Service (b)	Estimated Standard Service kWhs (c)	Base Standard Service Rate (d)	Estimated SOSFA (e)	Estimated Standard Service Revenue (f)
Section 1: October 2002 - September 2003 Period						
Oct-02 (actual based on revenue prorate)						\$15,300,347
Nov-02 (actual)						\$43,898,047
Dec-02 (actual)						\$50,204,336
Jan-03 (actual)						\$56,303,232
Feb-03 (actual)				\$0.04700	\$0.00000	\$54,941,589
Mar-03	1,806,306,136	60.84%	1,098,934,156	\$0.04700	\$0.00000	\$51,649,905
Apr-03	1,678,654,556	60.84%	1,021,272,525	\$0.04700	\$0.00000	\$47,999,809
May-03	1,592,270,082	60.84%	968,717,286	\$0.04700	\$0.00000	\$45,529,712
Jun-03	1,672,003,076	60.84%	1,017,225,847	\$0.04700	\$0.00000	\$47,809,615
Jul-03	1,828,546,312	60.84%	1,112,464,802	\$0.04700	\$0.00000	\$52,285,846
Aug-03	1,901,613,150	60.84%	1,156,917,756	\$0.04700	\$0.00000	\$54,375,135
Sep-03	1,862,710,297	60.84%	1,133,249,745	\$0.04700	\$0.00000	\$53,262,738
Oct-03	845,315,198	60.84%	514,279,238	\$0.04700	\$0.00000	\$24,171,124
Total						\$597,731,434

Section 2: October 2003 - September 2004 Period

Oct-03	845,315,198	60.84%	514,279,238	\$0.04700	\$0.00000	\$24,171,124
Nov-03	1,747,437,972	60.84%	1,063,119,498	\$0.04700	\$0.00000	\$49,966,616
Dec-03	1,891,344,036	60.84%	1,150,670,155	\$0.04700	\$0.00000	\$54,081,497
Jan-04	2,065,855,670	60.84%	1,256,840,860	\$0.05100	\$0.00000	\$61,585,202
Feb-04	1,910,032,155	60.84%	1,162,039,774	\$0.05100	\$0.00000	\$59,264,028
Mar-04	1,844,017,346	60.84%	1,121,877,186	\$0.05100	\$0.00000	\$57,215,737
Apr-04	1,712,780,906	60.84%	1,042,034,571	\$0.05100	\$0.00000	\$53,143,763
May-04	1,623,593,939	60.84%	987,774,331	\$0.05100	\$0.00000	\$50,376,491
Jun-04	1,704,272,054	60.84%	1,036,857,891	\$0.05100	\$0.00000	\$52,879,752
Jul-04	1,864,147,878	60.84%	1,134,124,351	\$0.05100	\$0.00000	\$57,840,342
Aug-04	1,937,525,769	60.84%	1,178,766,546	\$0.05100	\$0.00000	\$60,117,094
Sep-04	1,892,836,275	60.84%	1,151,578,015	\$0.05100	\$0.00000	\$58,730,479
Oct-04	858,034,292	60.84%	522,017,376	\$0.05100	\$0.00000	\$26,622,886
Total						\$665,995,012
Oct-04	858,034,292	60.84%	522,017,376	\$0.05100	\$0.00000	\$26,622,886
Nov-04	1,772,697,880	60.84%	1,078,487,312	\$0.05100	\$0.00000	\$55,002,853
Dec-04	1,918,215,763	60.84%	1,167,018,579	\$0.05100	\$0.00000	\$59,517,948
Jan-05	1,046,455,859	60.84%	636,650,711	\$0.05100	\$0.00000	\$32,469,186

- (a) Per Company forecast
- (b) Percentage of kWh deliveries attributable to standard offer per February 2003 DOER Form 110, Mass. Electric and Nantucket Electric.
- (c) Column (a) x Column (b)
- (d) Page 5
- (e) Assumed zero for this analysis
- (f) Column (c) x Column (d) + Column (c) x Column (e), using a 50% prorate to capture rate changes

Massachusetts Electric Company
Estimated Standard Service Expense

	Total Company Forecasted kWh Deliveries (a)	Percentage of Load Served by Standard Service (b)	Estimated Standard Service kWhs (c)	Base Standard Service Cost (d)	Estimated Fuel Index Cost (e)	Estimated Standard Service Expense (f)
Section 1: October 2002 - September 2003 Period						
Oct-02 (actual)						\$45,003,698
Nov-02 (actual)						\$46,763,769
Dec-02 (actual)						\$54,865,505
Jan-03 (actual)						\$57,882,086
Feb-03 (actual)						\$54,344,863
Mar-03	1,806,306,136	60.84%	1,098,934,156	\$0.04700	\$0.00929	\$61,859,004
Apr-03	1,678,654,556	60.84%	1,021,272,525	\$0.04700	\$0.01160	\$59,846,570
May-03	1,592,270,082	60.84%	968,717,286	\$0.04700	\$0.01313	\$58,248,970
Jun-03	1,672,003,076	60.84%	1,017,225,847	\$0.04700	\$0.01457	\$62,630,595
Jul-03	1,828,546,312	60.84%	1,112,464,802	\$0.04700	\$0.01583	\$69,896,164
Aug-03	1,901,613,150	60.84%	1,156,917,756	\$0.04700	\$0.01680	\$73,811,353
Sep-03	1,862,710,297	60.84%	1,133,249,745	\$0.04700	\$0.01731	\$72,879,291
Total						\$718,031,869

Section 2: October 2003 - September 2004 Period

Oct-03	1,690,630,395	60.84%	1,028,558,476	\$0.04700	\$0.01720	\$66,033,454
Nov-03	1,747,437,972	60.84%	1,063,119,498	\$0.04700	\$0.01773	\$68,815,725
Dec-03	1,891,344,036	60.84%	1,150,670,155	\$0.04700	\$0.01807	\$74,874,107
Jan-04	2,065,855,670	60.84%	1,256,840,860	\$0.05100	\$0.01317	\$80,651,478
Feb-04	1,910,032,155	60.84%	1,162,039,774	\$0.05100	\$0.01240	\$73,673,322
Mar-04	1,844,017,346	60.84%	1,121,877,186	\$0.05100	\$0.01008	\$68,524,259
Apr-04	1,712,780,906	60.84%	1,042,034,571	\$0.05100	\$0.00950	\$63,043,092
May-04	1,623,593,939	60.84%	987,774,331	\$0.05100	\$0.00878	\$59,049,150
Jun-04	1,704,272,054	60.84%	1,036,857,891	\$0.05100	\$0.00807	\$61,247,196
Jul-04	1,864,147,878	60.84%	1,134,124,351	\$0.05100	\$0.00739	\$66,221,521
Aug-04	1,937,525,769	60.84%	1,178,766,546	\$0.05100	\$0.00671	\$68,026,617
Sep-04	1,892,836,275	60.84%	1,151,578,015	\$0.05100	\$0.00609	\$65,743,589
Total						\$815,903,508
Oct-04	1,690,630,395	60.84%	1,028,558,476	\$0.05100	\$0.00553	\$58,144,411
Nov-04	1,747,437,972	60.84%	1,063,119,498	\$0.05100	\$0.00506	\$59,598,479
Dec-04	1,891,344,036	60.84%	1,150,670,155	\$0.05100	\$0.00469	\$64,080,821

- (a) Per Company forecast
(b) Percentage of kWh deliveries attributable to standard offer per February 2003 DOER Form 110, Mass. Electric and Nantucket Electric.
(c) Column (a) x Column (b)
(d) Fixed standard offer price
(e) Page 6
(f) Column (c) x [Column (d) + Column (e)]

Massachusetts Electric Company
Estimated Weighted Average Fuel Index Payment Per kWh

	<u>Estimated Fuel Index Payments</u>		<u>Percentage of kWh Deliveries</u>		<u>Estimated</u>
	<u>Former</u>	<u>Former</u>	<u>Former</u>	<u>Former</u>	<u>Weighted</u>
	<u>NEES</u>	<u>EUA</u>	<u>Mass.</u>	<u>Eastern</u>	<u>Avg. Fuel</u>
	<u>Contracts</u>	<u>Contracts</u>	<u>Electric</u>	<u>Edison</u>	<u>Index</u>
	(a)	(b)	(c)	(d)	(e)
<u>Section 1: October 2002 - September 2003 Period</u>					
Mar-03	\$0.00902	\$0.01091	85.57%	14.43%	\$0.00929
Apr-03	\$0.01056	\$0.01780	85.57%	14.43%	\$0.01160
May-03	\$0.01199	\$0.01995	85.57%	14.43%	\$0.01313
Jun-03	\$0.01333	\$0.02193	85.57%	14.43%	\$0.01457
Jul-03	\$0.01461	\$0.02308	85.57%	14.43%	\$0.01583
Aug-03	\$0.01585	\$0.02249	85.57%	14.43%	\$0.01680
Sep-03	\$0.01673	\$0.02079	85.57%	14.43%	\$0.01731

Total

Section 2: October 2003 - September 2004 Period

Oct-03	\$0.01746	\$0.01566	85.57%	14.43%	\$0.01720
Nov-03	\$0.01820	\$0.01497	85.57%	14.43%	\$0.01773
Dec-03	\$0.01868	\$0.01446	85.57%	14.43%	\$0.01807
Jan-04	\$0.01376	\$0.00970	85.57%	14.43%	\$0.01317
Feb-04	\$0.01287	\$0.00968	85.57%	14.43%	\$0.01240
Mar-04	\$0.01017	\$0.00958	85.57%	14.43%	\$0.01008
Apr-04	\$0.00954	\$0.00928	85.57%	14.43%	\$0.00950
May-04	\$0.00880	\$0.00868	85.57%	14.43%	\$0.00878
Jun-04	\$0.00814	\$0.00771	85.57%	14.43%	\$0.00807
Jul-04	\$0.00753	\$0.00657	85.57%	14.43%	\$0.00739
Aug-04	\$0.00694	\$0.00537	85.57%	14.43%	\$0.00671
Sep-04	\$0.00640	\$0.00430	85.57%	14.43%	\$0.00609

Total

Oct-04	\$0.00588	\$0.00352	85.57%	14.43%	\$0.00553
Nov-04	\$0.00540	\$0.00307	85.57%	14.43%	\$0.00506
Dec-04	\$0.00497	\$0.00309	85.57%	14.43%	\$0.00469

- (a) Per Company forecast
- (b) Per Company forecast
- (c) Percentage of kWh deliveries attributable to pre-merger Mass. Electric standard offer per February 2003 revenue reports
- (d) Percentage of kWh deliveries attributable to pre-merger Eastern Edison standard offer per February 2003 revenue reports
- (e) Column (a) x Column (c) + Column (b) x Column (d)

Massachusetts Electric Company
Actual and Estimated Standard Service Costs
October 2002 - September 2004

	Base	Fuel Index Payments			
	Charges	Former	Pre-Merger		
		Eastern Edison	Mass. Electric	Total	Total
<u>Actual per Invoices (a)</u>					
October 2002	\$42,801,869	\$901,142	\$1,300,688	\$2,201,829	\$45,003,698
November 2002	\$43,363,310	\$1,039,803	\$2,360,656	\$3,400,459	\$46,763,769
December 2002	<u>\$49,171,245</u>	<u>\$1,334,149</u>	<u>\$4,360,112</u>	<u>\$5,694,261</u>	<u>\$54,865,505</u>
2002 Total	\$135,336,424			\$11,296,549	\$146,632,972
<u>Actual per Invoices (a)</u>					
January 2003	\$56,199,227	\$623,113	\$1,059,747	\$1,682,859	\$57,882,086
February 2003	\$49,309,625	\$4,023,940	\$1,011,298	\$5,035,238	\$54,344,863
<u>Estimate per Page 4 (b)</u>					
March 2003	\$51,649,905			\$10,209,098	\$61,859,004
April 2003	\$47,999,809			\$11,846,761	\$59,846,570
May 2003	\$45,529,712			\$12,719,258	\$58,248,970
June 2003	\$47,809,615			\$14,820,981	\$62,630,595
July 2003	\$52,285,846			\$17,610,318	\$69,896,164
August 2003	\$54,375,135			\$19,436,218	\$73,811,353
September 2003	\$53,262,738			\$19,616,553	\$72,879,291
October 2003	\$48,342,248			\$17,691,206	\$66,033,454
November 2003	\$49,966,616			\$18,849,109	\$68,815,725
December 2003	<u>\$54,081,497</u>			<u>\$20,792,610</u>	<u>\$74,874,107</u>
2003 Total	\$610,811,973			\$170,310,209	\$781,122,182
January 2004	\$64,098,884			\$16,552,594	\$80,651,478
February 2004	\$59,264,028			\$14,409,293	\$73,673,322
March 2004	\$57,215,737			\$11,308,522	\$68,524,259
April 2004	\$53,143,763			\$9,899,328	\$63,043,092
May 2004	\$50,376,491			\$8,672,659	\$59,049,150
June 2004	\$52,879,752			\$8,367,443	\$61,247,196
July 2004	\$57,840,342			\$8,381,179	\$66,221,521
August 2004	\$60,117,094			\$7,909,524	\$68,026,617
September 2004	<u>\$58,730,479</u>			<u>\$7,013,110</u>	<u>\$65,743,589</u>
2004 Total (Jan - Sept	\$513,666,570			\$92,513,652	\$606,180,222

(a) Per invoices received from standard offer suppliers for service supplied in applicable month.

(b) Per Page 4 of analysis:

Base Charges = Column (c) x Column (d)

Fuel Index Payments = Column (c) x Column (e)

Attachment 3

Mass. Electric Tariff Cover Sheets

Clean and Marked to Show Changes

MASSACHUSETTS ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 1018

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50
IC-3 (billing months of July, Aug., Sept., Oct. only)	\$6.00
IC-4 (billing months of July, Aug., Sept., Oct. only)	\$6.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

EffectiveResidential Low Income R-2
M.D.T.E. No.1019

May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service AdjustmentJanuary 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003Monthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.359¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.051¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 1033

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

Customer Charge \$19.20

Metering Charge If applicable

Distribution Charge per kWh (1)

Peak Hours Use 6.057¢
Off-Peak Hours Use 0.281¢

Transmission Charge per kWh 0.441¢

Transition Charge per kWh

Peak Hours Use 2.363¢
Off-Peak Hours Use (0.193¢)

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Rates for Supplier Service

Standard Service Charge per kWh 5.602¢

Default Service Charge per kWh per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 1021

Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - For allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh (1)</u>	3.739¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.972¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢
<u>Default Service Charge per kWh</u>	Per Tariff for Default Service

Minimum Charge - The applicable monthly Customer Charge or Location Service Charge, provided, however if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 1022

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.034¢	
<u>Transition Demand Charge per kW (2)</u>	\$0.98	
<u>Transition Charge per kWh (3)</u>	0.734¢	
<u>Transmission Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.15) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.238¢) per kWh and Transition Adjustment Factor of 0.153¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Time-of-Use - G-3
M.D.T.E. No. 1023

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.017¢	
Off-Peak Hours Use	(0.052¢)	
<u>Transition Charge per kW (2)</u>	\$1.65	
<u>Transition Charge per kWh (3)</u>	0.567¢	
<u>Transmission Charge per kWh</u>	0.538¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$3.61) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.046¢) per kWh and Transition Adjustment Factor of 0.077¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-1
M.D.T.E. No. 1054

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Type/Lumens</u>			
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 1025Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
<u>Sodium Vapor</u>		
4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3
M.D.T.E. No. 1055

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03, 30	561
8,000	04, 31	908
22,000	05, 33	1,897
63,000	06	4,569
<u>Sodium Vapor</u>		
4,000	70, 53	248
5,800	51	349
9,600	72, 52	490
27,500	74, 36	1,284
50,000	75, 37	1,968
140,000	76, 38	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, Default Service Cost Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - CUSTOMER OWNED EQUIPMENT S-5
M.D.T.E. No. 1027Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Type/Lumens</u>			
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
	6,000	13	1,872
	10,000	14	2,591
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The distribution rate as shown in the retail delivery service rate section will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, a Standard Service Charge of 5.602¢ per kWh or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY
STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20
M.D.T.E. No. 1056

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Type/Lumens</u>			
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
140,000	76	4,578	

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 1018Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service AdjustmentJanuary 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003**Deleted:** JanuaryMonthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50
IC-3 (billing months of July, Aug., Sept., Oct. only)	\$6.00
IC-4 (billing months of July, Aug., Sept., Oct. only)	\$6.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Residential Low Income R-2
M.D.T.E. No.1019Effective

May 1, 2000

Adjusted By:

January 1, 2003

May 1, 2003

January 1, 2003

January 1, 2003

Deleted: JanuaryTransition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service AdjustmentMonthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.359¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.051¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 1033

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$19.20	
<u>Metering Charge</u>	If applicable	
<u>Distribution Charge per kWh (1)</u>		
Peak Hours Use	6.057¢	
Off-Peak Hours Use	0.281¢	
<u>Transmission Charge per kWh</u>	0.441¢	
<u>Transition Charge per kWh</u>		
Peak Hours Use	2.363¢	
Off-Peak Hours Use	(0.193¢)	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 1021

Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - For allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh (1)</u>	3.739¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.972¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	Deleted: 4.700
<u>Default Service Charge per kWh</u>	Per Tariff for Default Service	

Minimum Charge - The applicable monthly Customer Charge or Location Service Charge, provided,
however if the KVA transformer capacity needed to serve a customer exceeds 25 KVA,
the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 1022

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.034¢	
<u>Transition Demand Charge per kW (2)</u>	\$0.98	
<u>Transition Charge per kWh (3)</u>	0.734¢	
<u>Transmission Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.15) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.238¢) per kWh and Transition Adjustment Factor of 0.153¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Time-of-Use - G-3
M.D.T.E. No. 1023

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.017¢	
Off-Peak Hours Use	(0.052¢)	
<u>Transition Charge per kW (2)</u>	\$1.65	
<u>Transition Charge per kWh (3)</u>	0.567¢	
<u>Transmission Charge per kWh</u>	0.538¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$3.61) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.046¢) per kWh and Transition Adjustment Factor of 0.077¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-1
M.D.T.E. No. 1054Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service AdjustmentJanuary 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

<u>Luminaire</u>			
<u>Type/Lumens</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service applied to monthly usage based on the annual kWh shown above. Also,

Deleted: 4.700

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 1025

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
<u>Sodium Vapor</u>		
4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Deleted: 4.700

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3
M.D.T.E. No. 1055Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service AdjustmentJanuary 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03, 30	561
8,000	04, 31	908
22,000	05, 33	1,897
63,000	06	4,569
<u>Sodium Vapor</u>		
4,000	70, 53	248
5,800	51	349
9,600	72, 52	490
27,500	74, 36	1,284
50,000	75, 37	1,968
140,000	76, 38	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, Default Service Cost Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Deleted: 4.700

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - CUSTOMER OWNED EQUIPMENT S-5
M.D.T.E. No. 1027Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

<u>Luminaire</u>			
<u>Type/Lumens</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
	6,000	13	1,872
	10,000	14	2,591
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The distribution rate as shown in the retail delivery service rate section will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, a Standard Service Charge of 5.602¢ per kWh or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Deleted: 4.700

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20
M.D.T.E. No. 1056Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service AdjustmentJanuary 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003**Deleted:** January

<u>Luminaire</u>			
<u>Type/Lumens</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Deleted: 4.700

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

Attachment 4

Nantucket Electric Tariff Cover Sheets

Clean and Marked to Show Changes

NANTUCKET ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 439

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.499¢	
Winter	1.544¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	
<u>Default Service Charge per kWh</u>		per Tariff for Default Service

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

Residential Low Income R-2
M.D.T.E. No. 440

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.359¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.051¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.239¢	
Winter	1.481¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 451

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$19.20	
<u>Metering Charge</u>	If applicable	
<u>Distribution Charge per kWh (1)</u>		
Peak Hours Use	6.057¢	
Off-Peak Hours Use	0.281¢	
<u>Transmission Charge per kWh</u>	0.441¢	
<u>Transition Charge per kWh</u>		
Peak Hours Use	2.363¢	
Off-Peak Hours Use	(0.193¢)	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	0.000¢	
Winter	0.000¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

Limited Residential Electric Space Heating Rate E
M.D.T.E. No. 442

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.616¢	
Winter	0.862¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 443

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - Allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh</u> (1)	3.739¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.972¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.643¢	
Winter	2.446¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	
<u>Default Service Charge per kWh</u>		per Tariff for Default Service
<u>Minimum Charge</u> -	The applicable monthly Customer Charge or Location Service Charge, <u>provided, however</u> if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.	

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 444

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.034¢	
<u>Transition Charge per kW (2)</u>	\$0.98	
<u>Transition Charge per kWh (3)</u>	0.734¢	
<u>Transmission Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	3.413¢	
Winter	2.956¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.15) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.238¢) per kWh and Transition Adjustment Factor of 0.153¢ per kWh.

NANTUCKET ELECTRIC COMPANY

Time-of-Use - G-3
M.D.T.E. No. 445

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.017¢	
Off-Peak Hours Use	(0.052¢)	
<u>Transition Charge per kW (2)</u>	\$1.65	
<u>Transition Charge per kWh (3)</u>	0.567¢	
<u>Transmission Charge per kWh</u>	0.538¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.415¢	
Winter	2.076¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	
<u>Default Service Charge per kWh</u>		per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$3.61) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.046¢) per kWh and Transition Adjustment Factor of 0.077¢ per kWh.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING COMPANY-OWNED EQUIPMENT - S-1
M.D.T.E. No. 460

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u>		
1,000	10	440
2,500	11	845
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u>		
4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
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<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
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The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 447

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Mercury Vapor</u> 4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
 <u>Sodium Vapor</u> 4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
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<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
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Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3
M.D.T.E. No. 461

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03, 30	561
8,000	04, 31	908
22,000	05, 33	1,897
63,000	06	4,569
<u>Sodium Vapor</u>		
4,000	70, 53	248
5,800	51	349
9,600	72, 52	490
27,500	74, 36	1,284
50,000	75, 37	1,968
140,000	76, 38	4,578

The luminaire cost as shown in the n Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING - COMPANY-OWNED EQUIPMENT - S-20
M.D.T.E. No.462

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	May 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Luminaire

	<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
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<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
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The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 439

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.499¢	
Winter	1.544¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	<u>5.602¢</u>	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

Residential Low Income R-2
M.D.T.E. No. 440

Effective
May 1, 2000

Adjusted By:

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.359¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.051¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.239¢	
Winter	1.481¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	<u>5.602¢</u>	
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Deleted: 4.700

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 451

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$19.20	
<u>Metering Charge</u>	If applicable	
<u>Distribution Charge per kWh (1)</u>		
Peak Hours Use	6.057¢	
Off-Peak Hours Use	0.281¢	
<u>Transmission Charge per kWh</u>	0.441¢	
<u>Transition Charge per kWh</u>		
Peak Hours Use	2.363¢	
Off-Peak Hours Use	(0.193¢)	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	0.000¢	
Winter	0.000¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

Limited Residential Electric Space Heating Rate E
M.D.T.E. No. 442

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.616¢	
Winter	0.862¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	
<u>Default Service Charge per kWh</u>		per Tariff for Default Service

Deleted: 4.700

Minimum Charge

The monthly Customer Charge.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 443

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - Allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh</u> (1)	3.739¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.972¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.643¢	
Winter	2.446¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	<u>5.602¢</u>	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	
<u>Minimum Charge</u> -	The applicable monthly Customer Charge or Location Service Charge, <u>provided, however</u> if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.	

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 444

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.034¢	
<u>Transition Charge per kW (2)</u>	\$0.98	
<u>Transition Charge per kWh (3)</u>	0.734¢	
<u>Transmission Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	3.413¢	
Winter	2.956¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.15) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.238¢) per kWh and Transition Adjustment Factor of 0.153¢ per kWh.

NANTUCKET ELECTRIC COMPANY

Time-of-Use - G-3
M.D.T.E. No. 445

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.017¢	
Off-Peak Hours Use	(0.052¢)	
<u>Transition Charge per kW (2)</u>	\$1.65	
<u>Transition Charge per kWh (3)</u>	0.567¢	
<u>Transmission Charge per kWh</u>	0.538¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.415¢	
Winter	2.076¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	5.602¢	Deleted: 4.700
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$3.61) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.046¢) per kWh and Transition Adjustment Factor of 0.077¢ per kWh.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING COMPANY-OWNED EQUIPMENT - S-1
M.D.T.E. No. 460

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

<u>Luminaire</u> <u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u> 1,000	10	440
2,500	11	845
<u>Mercury Vapor</u> 4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u> 4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Deleted: 4.700

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 447

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

<u>Luminaire</u> <u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Mercury Vapor</u> 4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
<u>Sodium Vapor</u> 4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Deleted: 4.700

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3
M.D.T.E. No. 461

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

<u>Type/Lumens</u>		<u>Code(s)</u>	<u>Annual kWh</u>
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03, 30	561
	8,000	04, 31	908
	22,000	05, 33	1,897
	63,000	06	4,569
<u>Sodium Vapor</u>	4,000	70, 53	248
	5,800	51	349
	9,600	72, 52	490
	27,500	74, 36	1,284
	50,000	75, 37	1,968
	140,000	76, 38	4,578

The luminaire cost as shown in the n Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Deleted: 4.700

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003
Renewables Charge per kWh 0.050¢ effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING - COMPANY-OWNED EQUIPMENT - S-20
M.D.T.E. No.462

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
May 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Deleted: January

<u>Luminaire</u>	<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 5.602¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Deleted: 4.700

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.